

KING & SPALDING

King & Spalding LLP
1180 Peachtree Street, NE
Atlanta, Georgia 30309-3521
Tel: (404) 572-4600
Fax: (404) 572-5100

www.kslaw.com

RECEIVED
CENTRAL FAX CENTER

APR 01 2009

F A C S I M I L E

Important Notice: This facsimile transmission is intended to be delivered only to the named addressee, and may contain material that is confidential, proprietary or subject to legal protection or privilege. If it is received by anyone other than the named addressee, the recipient should immediately notify the sender at the address and telephone number set forth herein and obtain instructions as to the disposal of the transmitted material. In no event should such material be read or retained by anyone other than the named addressee, except by express authority of the sender or the named addressee.

DATE: April 1, 2009

Recipient	Company	City/State	Telephone #	Fax #
Mail Stop Amendment Commissioner for Patents	U.S. Patent & Trademark Office	Alexandria, VA		571-273-8300

FROM: Stephen C. MacDonald, Ph.D. 2737 **Our Ref. #:** 13721.105006

NUMBER OF PAGES (Including Cover Page): 17

MESSAGE:

Please check that all pages are received. In case of problems, please call **DIANE GUILFOY** at 404-572-3323.

All return telecopy messages should be sent to (404) 572-5100. Thank you.

PTO/SB/21 (09-08)

Approved for use through 10/31/2008. OMB 0651-003

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

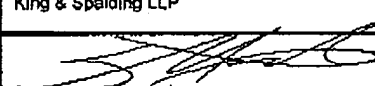
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

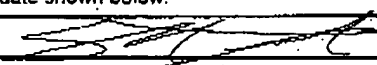
RECEIVED
CENTRAL FAX CENTER

APR 01 2009

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/754,458
	Filing Date	January 9, 2004
	First Named Inventor	Kary B. Mullis
	Art Unit	1844
	Examiner Name	David A. Saunders
Total Number of Pages in This Submission	Attorney Docket Number	13139-0104CIP (13721.105006)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	King & Spalding LLP		
Signature			
Printed Name	Stephen C. MacDonald, Ph.D.		
Date	April 1, 2009	Reg. No.	80,401

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Stephen C. MacDonald, Ph.D.	Date	April 1, 2009

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 01 2009

PTO/SB/17 (10-08)

Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete If Known	
FEE TRANSMITTAL for FY 2009		Application Number	10754.458
		Filing Date	January 9, 2004
		First Named Inventor	Kary B. Mullis
		Examiner Name	David A. Saunders
		Art Unit	1844
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	13139-0104CIP (13721.105006)
TOTAL AMOUNT OF PAYMENT		(\$) 65.00	

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____
☐ Deposit Account Deposit Account Number: 11-0980 Deposit Account Name: King & Spalding LLP
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) :
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-1038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	_____
Design	220	110	100	50	140	70	_____
Plant	220	110	330	165	170	85	_____
Reissue	330	165	540	270	650	325	_____
Provisional	220	110	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	52	26
Each independent claim over 3 (including Reissues)	220	110
Multiple dependent claims	390	195
Total Claims	Extra Claims	Fee (\$)
_____ - 20 or HP = _____	x _____ = _____	
HP = highest number of total claims paid for, if greater than 20.		
Indep. Claims	Extra Claims	Fee (\$)
_____ - 3 or HP = _____	x _____ = _____	
HP = highest number of independent claims paid for, if greater than 3.		

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____		

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)
 Other (e.g., late filing surcharge): Petition for One-Month Extension of Time **65.00**

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	60,401	Telephone	404-572-2715
Name (Print/Type)	Stephen C. MacDonald, Ph.D.			Date	April 1, 2009

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.